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Titolo	Independent Variables for Optical Surfacing Systems [[electronic resource]] : Synthesis, Characterization and Application // by Haobo Cheng
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ISBN	3-642-45355-4
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (172 p.)
Disciplina	530.417 620.11 620.11295 620.11297
Soggetti	Optical materials Electronic materials Microwaves Optical engineering Lasers Photonics Surfaces (Physics) Interfaces (Physical sciences) Thin films Materials—Surfaces Optical and Electronic Materials Microwaves, RF and Optical Engineering Optics, Lasers, Photonics, Optical Devices Surface and Interface Science, Thin Films Surfaces and Interfaces, Thin Films
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Basic theory of optical surfacing systems -- Tool influence functions -- Finishing paths -- Dwell time map.

Sommario/riassunto

Independent Variables for Optical Surfacing Systems discusses the characterization and application of independent variables of optical surfacing systems, and introduces the basic principles of surfacing technologies and common surfacing systems. All the pivotal variables influencing surface quality are analyzed; evaluation methods for surface quality, the removal capability of tool influence functions, and a series of novel optical surfacing systems are introduced. The book also particularly focuses on the multi-path mode and dwell time used for deterministic surfacing. Researchers and graduate students working in optical engineering will benefit from this book; optical engineers in the industry will also find it a valuable reference work. Haobo Cheng is a professor at Beijing Institute of Technology.
